

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A method of supporting development of a phone application code for a computer based phone application platform having a network interface and a telephone interface, the method comprising:

receiving the phone application code at the computer based phone application platform over the network interface from a remote computer via a development platform web server and using a web protocol;

associating the phone application code with a telephone number for communicating with the telephone interface; and

at the computer based phone application platform, responsive to receiving a telephone call via the telephone number,

executing the phone application code;

presenting an audio output over the telephone interface; and

presenting a call flow to the remote computer over the network interface via the development platform web server and using the web protocol, the call flow tracking a flow of execution for a phone call.

Claim 2 (previously presented): The method of claim 1, wherein the call flow shows a flow of program control in the phone application code during the telephone call.

Claim 3 (currently amended): The method of claim 1, further including receiving a plurality of selectable types of debugging events usable in the call flow, wherein types of debugging events include errors, a general flow trace, an event

trace, a field fill trace, and a variables trace ~~trace, and,~~
~~optionally, a custom trace.~~

Claim 4 (previously presented): The method of claim 1, wherein the call flow is concurrent with execution of phone application code on the computer based phone application platform.

Claim 5 (original): The method of claim 1, wherein the receiving comprises receiving an HTTP request including form data, the form data comprising the phone application code.

Claim 6 (original): The method of claim 1, wherein the computer based phone application platform operated by a first legal entity and wherein the remote computer operated by a second legal entity different from the first legal entity.

Claim 7 (currently amended): A method of supporting development of a phone application code for a computer based phone application platform having a network interface and a telephone interface, the method comprising:

receiving the phone application code at the computer based phone application platform over the network interface from a remote computer via a development platform web server and using HTTP;

associating the phone application code with a telephone number for communicating with the telephone interface; and

at the computer based phone application platform,
responsive to receiving a telephone call via the telephone number,

executing the phone application code;

presenting an audio output over the telephone interface; and

presenting a call flow to the remote computer over the network interface, the call flow tracking a flow of execution for a phone call.

Claim 8 (previously presented): The method of claim 7, further including receiving a plurality of selectable types of debugging events usable in the call flow, wherein selected types of debugging events can include a general flow trace, an event trace, a field fill trace, a variables trace, and, optionally, a custom trace.

Claim 9 (original): The method of claim 7, wherein the remote computer does not include specialized phone application development software.

Claim 10 (currently amended): A method of supporting development of a phone application code for a computer based phone application platform having a network interface and a telephone interface, the method comprising:

receiving at the computer based phone application platform a reference to the phone application code over the network interface from a remote computer via a development platform web server and using a web protocol;

associating the phone application code with a telephone number for communicating with the telephone interface using the reference; and

at the computer based phone application platform,
responsive to receiving a telephone call via the telephone number,

executing the phone application code;

presenting an audio output over the telephone interface; and

presenting a call flow to the remote computer over the network interface via the development platform web server and using the web protocol, the call flow tracking a flow of execution for a phone call.

Claim 11 (original): The method of claim 10, wherein the reference comprises a uniform resource locator (URI).

Claim 12 (original): The method of claim 10, wherein the executing further comprises retrieving the phone application code from the reference over the network interface.

Claim 13 (previously presented): The method of claim 10, wherein the call flow is concurrent with execution of phone application code on the computer based phone application platform.

Claim 14 (original): The method of claim 10, wherein the computer based phone application platform operated by a first legal entity and wherein the remote computer operated by a second legal entity different from the first legal entity.

Claim 15 (currently amended): A method of supporting remotely hosted phone application development for a phone application platform using a first computer system, the first computer system supporting a web interface, the method comprising:

receiving at the first computer system over the web interface a uniform resource identifier (URI) from a second

computer system, the URI corresponding to a location of a phone application;

at the first computer system, responsive to the receiving the URI, sending a first message to the phone application platform using the first computer system, the first message corresponding to a request to make the phone application located at the URI available on the phone application platform at a telephone number; and

upon receiving a request from the second computer system on the first computer system, presenting to the second computer debugging information generated by calls to the telephone number for the phone application on the phone application platform, wherein the debugging information includes a flow of execution for the calls.

Claim 16 (previously presented): The method of claim 15, further comprising sending a second message to the second computer system, the second message indicating the telephone number for accessing the phone application on the phone application platform.

Claim 17 (previously presented): The method of claim 15, wherein the presenting occurs concurrently with execution of the phone application on the phone application platform.

Claim 18 (original): The method of claim 15, wherein the presenting provides the debugging information in an extensible markup language (XML).

Claim 19 (currently amended): The method of claim 15, wherein the presenting is capable of selecting the debugging

information for a particular ongoing execution of the phone application on the phone application platform ~~at-form~~.

Claim 20 (previously presented): The method of claim 15, wherein the presenting is capable of selecting the debugging information for all ongoing executions of the phone application on the phone application platform.

Claim 21 (previously presented): The method of claim 15, further comprising a web interface for selecting the types of debugging events.

Claim 22 (previously presented): The method of claim 21, wherein the types of debugging events can comprise debugging output from phone application states, phone application events, phone application field fills, phone application variables, and custom debugging messages.

Claim 23 (currently amended): The method of claim 18 ~~15~~, wherein the debugging information in the XML comprises a hypertext markup language with color coded messages, and wherein different colors are used for different types of debugging events.

Claim 24 (original): The method of claim 15, wherein responsive to the sending the first message, the phone application platform configured to retrieve and execute the phone application at the URI responsive to a call to the telephone number.

Claim 25 (previously presented): The method of claim 24, wherein the phone application platform is configured to execute

the phone application responsive to receipt of an identifier at start of a call to the telephone number.

Claim 26 (previously presented): The method of claim 24, wherein the phone application is provided by a developer having a corresponding identifier, and wherein the phone application platform is configured to execute the phone application responsive to receipt of the identifier at start of a call to the telephone number.

Claim 27 (original): The method of claim 15, wherein the phone application comprises an application written in an XML-based voice application language.

Claim 28 (previously presented): An apparatus for developing a phone application code, the apparatus comprising:

- a network interface for receiving a reference to the phone application code, the network interface using a web protocol;
- a telephone interface to send and receive audio signals to and from a telephone; and
- a control subsystem to control the network interface and the telephone interface, the control subsystem including at least one program for
 - receiving a reference to the phone application code over the network interface from a remote computer using the web protocol;
 - associating the phone application code with a telephone number for communicating with the telephone interface using the reference, and
 - responsive to receiving a telephone call via the telephone number, executing the phone application

code, presenting an audio output over the telephone interface, and presenting a call flow to the remote computer over the network interface, the call flow tracking a flow of execution for the telephone call.

Claim 29 (previously presented): An apparatus for remotely hosted phone application development, the apparatus comprising:

means for receiving over a web interface a uniform resource identifier (URI) from a computer system, the URI corresponding to the location of a phone application;

means for sending a first message to a phone application platform responsive to the receiving the URI, the first message corresponding to a request to make the phone application located at the URI available on the phone application platform at a telephone number; and

means for presenting to the second computer a call flow generated by calls to the telephone number for the phone application on the phone application platform upon receiving a request from the computer system, the call flow tracking a flow of execution for the calls.

Claim 30 (new): The method of claim 1, wherein associating the phone application code with the telephone number comprises associating a uniform resource identifier (URI) with the telephone number, the URI serving as a pointer to the phone application code.

Claim 31 (new): The method of claim 30, wherein receiving the phone application code at the computer based phone application platform comprises:

at the computer based phone application platform,
responsive to receiving the telephone call via the
telephone number, accessing the phone application code via
the URI.

Claim 32 (new): The method of claim 7, wherein
associating the phone application code with the telephone number
comprises associating a uniform resource identifier (URI) with
the telephone number, the URI serving as a pointer to the phone
application code.

Claim 33 (new): The method of Claim 32, wherein receiving
the phone application code at the computer based phone
application platform comprises:

at the computer based phone application platform,
responsive to receiving the telephone call via the
telephone number, accessing the phone application code via
the URI.

Claim 34 (new): The method of Claim 10, wherein
associating the phone application code with the telephone number
comprises associating a uniform resource identifier (URI) with
the telephone number, the URI serving as a pointer to the phone
application code.

Claim 35 (new): The method of Claim 34, wherein executing
the phone application code comprises:

at the computer based phone application platform,
responsive to receiving the telephone call via the
telephone number, accessing the phone application code via
the URI.